Figures

Figures 1A and 1B

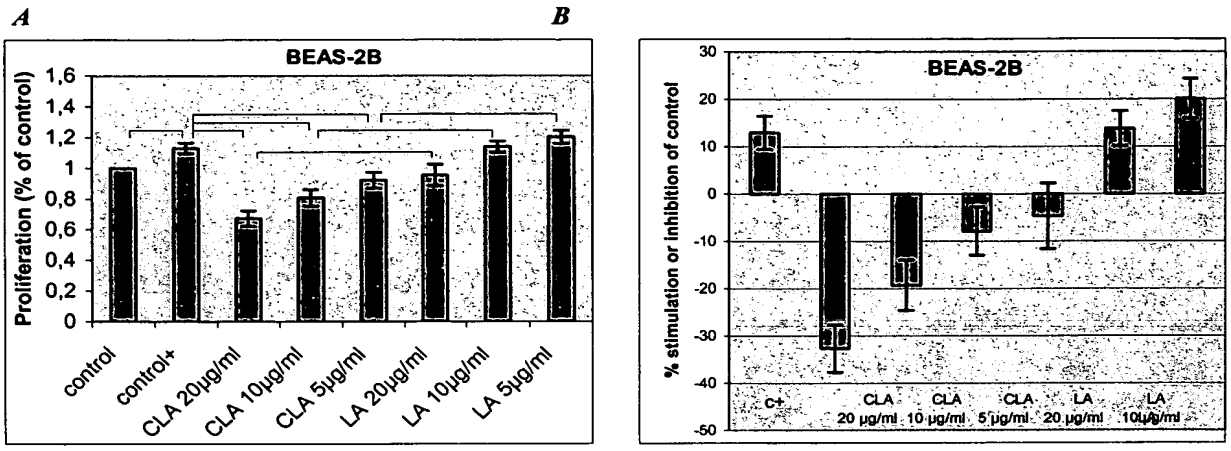

Fig. 1A: Modulation of LPS/serum-stimulated BEAS-2B by cis-9,trans-11CLA and LA. The cells were incubated with the fatty acids at increasing concentrations for 24 h. (A) shows relative cell numbers compared with the unstimulated control (= 1) (B) depicts relative stimulation or inhibition observed. Data are means ± SEM of 6 independent experiments performed at different days (n = 6). Connection of bars represents data with statistically significant differences (p<0.05)

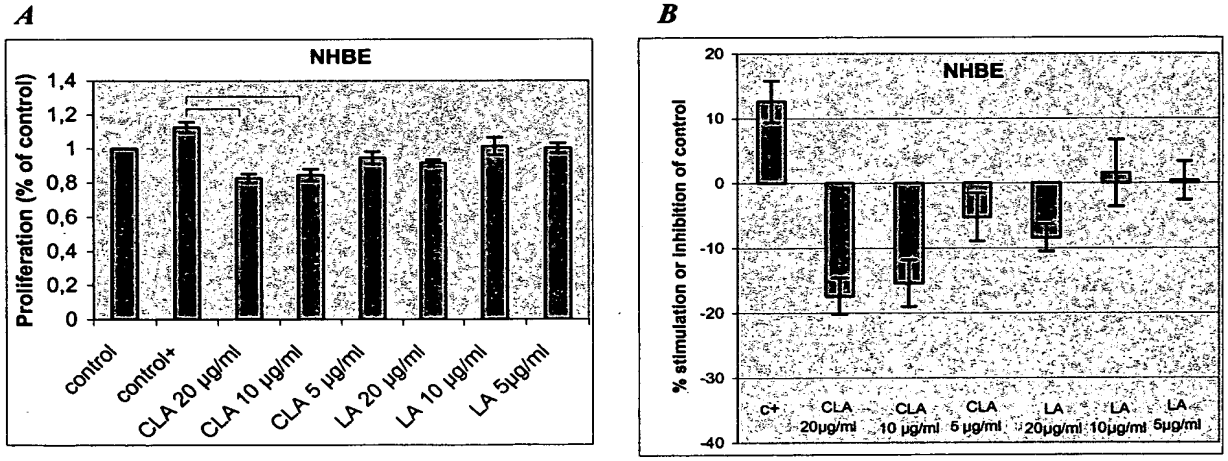

Fig. 1B: Modulation of LPS/serum-stimulated NHBE by cis-9,trans-11CLA and LA. The cells were incubated with the fatty acids at increasing concentrations for 24 h. (A) shows relative cell numbers compared with the unstimulated control (= 1) (B) depicts relative stimulation or inhibition observed. Data are means ± SEM of 6 independent experiments performed at different days (n = 6). Connection of bars represents data with statistically significant differences (p<0.05)

Figures 2A and 2B

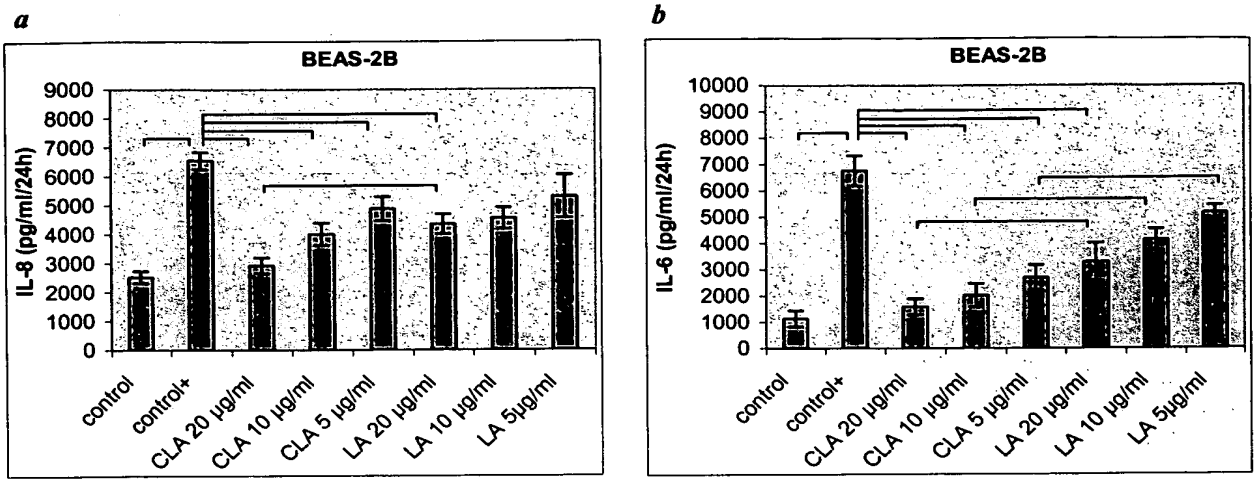

Fig. 2A: Effects of cis-9,trans-11-CLA and LA on the production of IL-8 (a) and IL-6 (b) by stimulated BEAS-2B after 24 h. Cells were incubated in the presence of 5 µg LPS and 10 % serum and different concentrations of either cis-9,trans-11-CLA or LA for 24 h and the supernatants were assessed for the concentration of cytokines. Data are shown as means ± SEM (n = 6), connection of bars represents data with statistically significant differences (p<0.05).

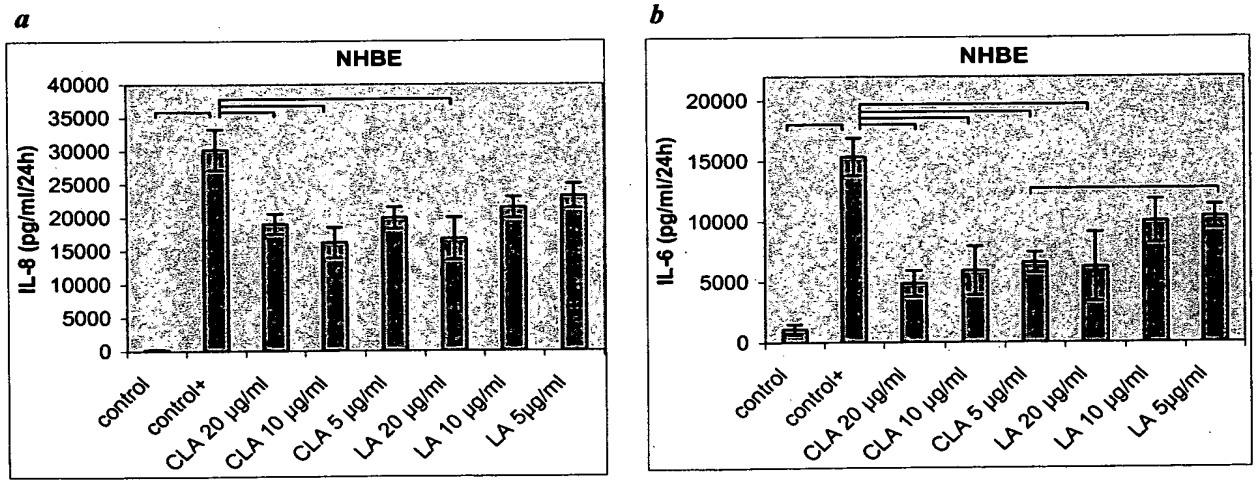

Fig.2B: Effects of cis-9,trans-11-CLA and LA on the production of IL-8 (a) and IL-6 (b) by stimulated BEAS-2B after 24 h. Cells were incubated in the presence of 5 µg LPS and 10 % serum and different concentrations of either cis-9,trans-11-CLA or LA for 24 h and the supernatants were assessed for the concentration of cytokines. Data are shown as means ± SEM (n = 6), connection of bars represents data with statistically significant differences (p<0.05).

Figure 3

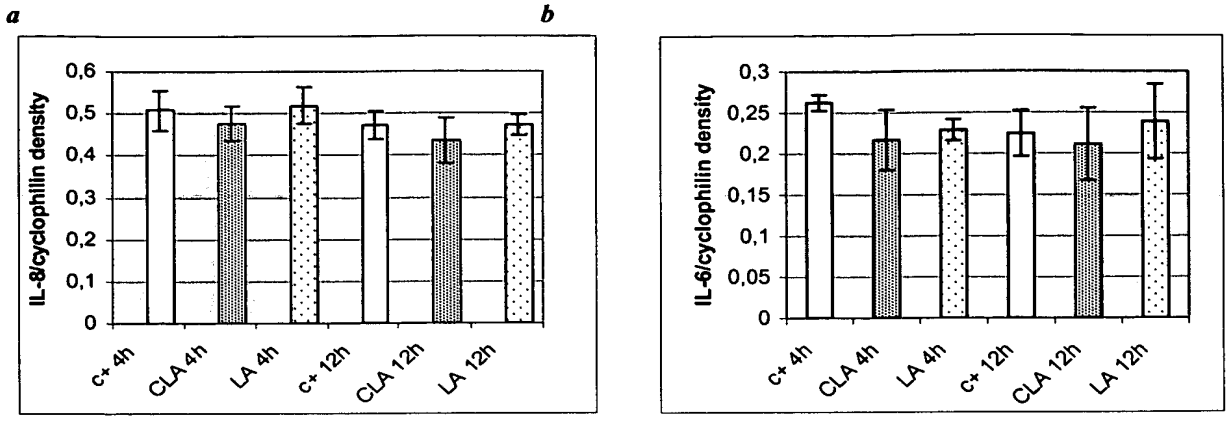

Fig. 3: The expression of IL-8 (a) and IL-6 mRNA (b) in LPS- and serum-stimulated BEAS-2B over a 4-h and 12-h period of treatment without(c+) or with 20 µg cis-9,trans-11-CLA or LA/mL. Total RNA was extracted and processed for RT-PCR. Cyclophilin was used as housekeeping gene. Data are shown as means ± SEM (n = 4).